



## NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H090509

**Mode:** Highway

**Status:** Submitted

### US-220 BUS

**From/Cross Street:** Proposed US 64 Bypass

**Specific Improvement Type:** 16 - Modernize Roadway

**To:** US 64/NC 49

**Project Category:** Regional Impact

**Length:** 2.67

**TIP#:** U-5005

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$37,392,000

#### Description:

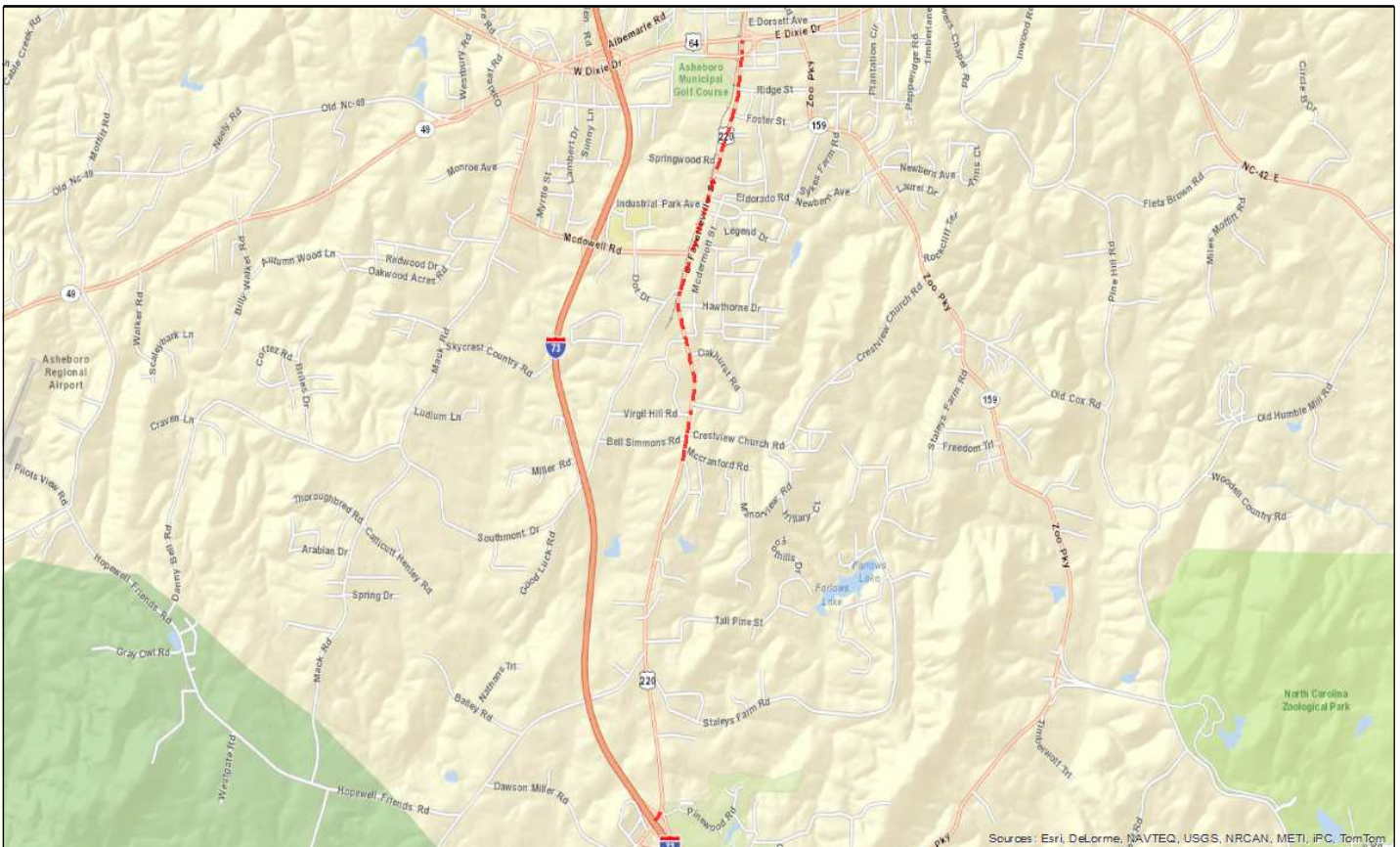
Proposed US 64 Bypass to US 64/NC 49. Upgrade Roadway, Address intersections and Other Safety Issues.

**Division(s):** Division 8

**County(s):** RANDOLPH

**MPOS(s)/RPO(s):** Piedmont Triad RPO

#### Project Location



**Statewide Mobility Total Score: 0**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
<b>Totals: Weight: 0% Weighted Score: 0</b>	N/A	N/A

**Regional Impact Total Score: 0**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
Congestion (V/C) (25%) 39.10	Percent: 15%	Percent: 15%
Safety (10%) 91.62	Points:	Points:
[Travel Time] Benefit/Cost (25%) 0.00		
Accessibility / Connectivity (10%) 6.53		
<b>Totals: Weight: 70% Weighted Score: 19.59</b>		

**Division Needs Total Score: 0**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
[Travel Time] Benefit/Cost (20%) 0.00	Percent: 25%	Percent: 25%
Congestion (V/C) (20%) 39.10	Points:	Points:
Safety (10%) 91.62		
<b>Totals: Weight: 50% Weighted Score: 16.98</b>		

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	48
Length (miles):	2.67
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
Lane Width:	11
Paved Shoulder Width:	4
Roadway has Curb & Gutter?	No
Volume (AADT):	9798.64
Capacity:	16713.26
Volume/Capacity Ratio:	0.59
% Autos:	95%
% Trucks:	5%
Truck Volume:	485.28
Crash Density:	97.8
Crash Severity:	83.84
Critical Crash Rate:	93.25
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	19
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	79
Actual Congested Speed:	38.86
Travel Time Index:	1.24

**Project Benefits**

Project Cross-Section:	
Speed Limit:	48
Length (miles):	2.67
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	0
Travel Time Savings for 30 Years (Autos):	0
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 8

\* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

**Project Ownership****Division**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 8	100%	0	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>0</b>	<b>0</b>

**MPO/RPO**

<b>MPO/RPO</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Piedmont Triad RPO	100%	0	0
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>0</b>	<b>0</b>

**Project Cost and Source**

Construction Cost:	\$37,392,000	TIP Unit
Right-of-Way Cost:	\$0	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$37,392,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$37,392,000</b>	